University of Gdańsk

Subject card

Subject name and code	Master's Thesis Laboratory in Marine and Atmospheric chemistry III - laboratory, PG_00204987		
Field of study	Oceanography		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2028/2029
Education level	Master's studies	Subject group	Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	2	Language of instruction	Polish
Semester of study	4	ECTS credits	12.0
Learning profile	academic	Assessment form	credit
Conducting unit	Department of Chemical Oceanography and Marine Geology -> Faculty of Oceanography and Geography -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. Dominika Saniewska, prof. UG	
	Teachers		

Lesson types

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	0.0	0.0	125.0	0.0	0.0	125

E-learning hours included: 0.0

Learning activity and number of study hours

Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
Number of study hours	125	5.0	170.0	300

Subject objectives	Completion of research tasks related to the master's thesis; drafting and editing the thesis manuscript and preparing for the diploma exam.

<table>
<tr><td>Learning outcomes</td><td>
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<tr><th>Course outcome</th><th>Subject outcome</th><th>Method of verification</th></tr>
<tr><td>[OCEANMU2-K04] is ready to critically evaluate his/her knowledge and
received content in the field of natural sciences in
in particular in the field of the studied specialty, a
in problematic situations, supports oneself with knowledge
experts</td><td>Ready to critically evaluate his knowledge and the content he receives in the field of natural sciences, in particular concerning chemical oceanography and atmospheric chemistry. In situations requiring specialist interpretation, he is able to seek the support of experts and consult with relevant specialists.</td><td>[SK3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-U08] is able to prepare a study of a given issue/ problem in Polish and a selected foreign language in written form (short scientific text, documented research work) and orally (paper, presentation) and discuss with specialists on topics related to oceanographic issues, with particular emphasis on the studied specialty</td><td>Can prepare a written report (short scientific text, documented research paper) or oral presentation (paper, presentation) on a given topic or problem in Polish and English. Can present and justify the results of analyses and discuss topics related to oceanography with specialists, with particular emphasis on chemical oceanography and atmospheric chemistry.</td><td>[SU1] oral statement/conversation/ discussion
[SU3] text preparation/written work</td></tr>
<tr><td>[OCEANMU2-W09] knows and understands legal regulations regarding intellectual property rights and their application in scientific work</td><td>Knows and understands legal regulations concerning intellectual property protection and the principles of their application in scientific work.</td><td>[SW1] oral statement/ conversation/discussion
[SW3] text preparation/written work</td></tr>
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<tr><td>Subject contents</td><td>The subject matter of classes and the scope of research, laboratory, field, and literature tasks are determined individually by the student and their thesis supervisor, in accordance with the subject matter and specifications of the thesis. Compilation of research results, their interpretation, and preparation of the master's thesis.</td></tr>
<tr><td>Prerequisites and co-requisites</td><td>A prerequisite for obtaining a passing grade is the submission of the entire master's thesis.</td></tr>
<tr><td>Assessment methods and criteria</td><td>
<table>
<tr><th>Subject passing criteria</th><th>Passing threshold</th><th>Percentage of the final grade</th></tr>
<tr><td>Degree of advancement in the preparation of the master's thesis manuscript</td><td>51.0%</td><td>80.0%</td></tr>
<tr><td>The degree of advancement of research carried out as part of the master's thesis</td><td>51.0%</td><td>20.0%</td></tr>
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<tr><td>Recommended reading</td><td>
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<tr><td>Basic literature</td><td>The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor.</td></tr>
<tr><td>Supplementary literature</td><td>The literature is selected for each student individually, in accordance with the guidelines provided by the thesis supervisor.</td></tr>
<tr><td>eResources addresses</td><td></td></tr>
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<tr><td>Example issues/ example questions/ tasks being completed</td><td>Issues relevant to the master's thesis being prepared.</td></tr>
<tr><td>Work placement</td><td>Not applicable</td></tr>
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